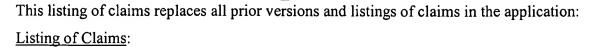
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## Amendments to the Claims:

Attorney's Docket No.: 00216-552001 / H-245 (Kay 32)



- 1. (Currently Amended) A method of reducing mammalian hair growth which comprises selecting an area of skin on a mammal from which reduced hair growth is desired; and applying to said area of skin, at least once or twice a day over at least two days, a dermatologically acceptable composition comprising an inhibitor of telomerase in an amount effective to reduce hair growth.
  - 2. (Original) The method of claim 1, wherein said inhibitor is ofloxacin.
  - 3. (Original) The method of claim 1, wherein said inhibitor is TMPyP4.
  - 4. (Original) The method of claim 1, wherein said inhibitor is telomerase inhibitor I.
  - 5. (Original) The method of claim 1, wherein said inhibitor is telomerase inhibitor IV.
  - 6. (Original) The method of claim 1, wherein said inhibitor is telomerase inhibitor V.
  - 7. (Original) The method of claim 1, wherein said inhibitor is AZT.
  - 8. (Original) The method of claim 1, wherein said inhibitor is a rubromycin.
  - 9. (Original) The method of claim 1, wherein said inhibitor is a purpuromycin.
- 10. (Original) The method of claim 1, wherein said inhibitor is 3'-deoxy-2:3'-didehydrothymidine.
  - 11. (Original) The method of claim 1, wherein said inhibitor is dideoxyinosine.
  - 12. (Original) The method of claim 1, wherein said inhibitor is (TTAGGG)3.
  - 13. (Original) The method of claim 1, wherein said inhibitor is levofloxacin.
  - 14. (Original) The method of claim 1, wherein said inhibitor is carbovir.
- 15. (Original) The method of claim 1, wherein said inhibitor is ACGTTGAGGGCATC.
- 16. (Original) The method of claim 1, wherein said inhibitor is 2-[3-(trifluoromethyl)phenyl]isothiazolin-3-one.
  - 17. (Original) The method of claim 1, wherein said inhibitor is ursodeoxycholic acid.
  - 18. (Original) The method of claim 1, wherein said inhibitor is diazaphilonic acid.
  - 19. (Original) The method of claim 1, wherein said inhibitor is alterperylenol.

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20. (Original) The method of claim 1, wherein said inhibitor is 5-azacytidine.

21. (Original) The method of claim 1, wherein said inhibitor is a 3,4,9,10-perylenetetracarboxylic diimide-based ligand.

- 22. (Original) The method of claim 1, wherein said inhibitor is 10H-indolo[3,2-b]quinoline.
- 23. (Original) The method of claim 1, wherein said inhibitor is a 2'-O-MeRNA telomerase oligomer.
- 24. (Original) The method of claim 1, wherein said inhibitor is a 2'-O-alkyl RNA telomerase oligomer.
  - 25. (Original) The method of claim 1, wherein said inhibitor is fomivirsen.
  - 26. (Original) The method of claim 1, wherein said inhibitor is a cationic porphryin.
  - 27. (Original) The method of claim 1, wherein said inhibitor is diazaphilonic acid.
  - 28. (Original) The method of claim 1, wherein said inhibitor is telomerase inhibitor II.
  - 29. (Original) The method of claim 1, wherein said inhibitor is telomerase inhibitor III.
  - 30. (Original) The method of claim 1, wherein said inhibitor is telomerase inhibitor VI.
  - 31. (Original) The method of claim 1, wherein said inhibitor is telomerase inhibitor VII.
- 32. (Original) The method of claim 1, wherein said inhibitor is telomerase inhibitor VIII.
- 33. (Previously presented) The method of claim 1, wherein the concentration of said inhibitor in said composition is between 0.1% and 30% by weight of the composition.
- 34. (Original) The method of claim 1, wherein the composition provides a reduction in hair growth of at least 20% when tested in the Golden Syrian Hamster assay.
- 35. (Original) The method of claim 1, wherein the composition provides a reduction in hair growth of at least 15% when tested in the Golden Syrian Hamster assay.
- 36. (Original) The method of claim 1, wherein the inhibitor is applied to the skin in an amount of from 10 to 3000 micrograms of said compound per square centimeter of skin.
  - 37. (Original) The method of claim 1, wherein said mammal is a human.
- 38. (Original) The method of claim 36, wherein said area of skin is on the face of a human.

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39. (Original) The method of claim 37, wherein the composition is applied to the area of skin in conjunction with shaving.

- 40. (Previously presented) The method of claim 37, wherein said area of skin is on a leg of the human.
- 41. (Previously presented) The method of claim 37, wherein said area of skin is on an arm of the human.
- 42. (Previously presented) The method of claim 37, wherein said area of skin is in an armpit of the human.
- 43. (Previously presented) The method of claim 37, wherein said area of skin is on the torso of the human.
- 44. (Original) The method of claim 1, wherein the composition is applied to an area of skin of a woman with hirsutism.
- 45. (Original) The method of claim 1, wherein said hair growth comprises androgen stimulated hair growth.
- 46. (Original) The method of claim 1, wherein the composition further includes a second component that also causes a reduction in hair growth.
  - 47. (Original) The method of claim 1, wherein the inhibitor acts on telomerase.
- 48. (Original) The method of claim 1, wherein the inhibitor acts on a substrate targeted by telomerase.

Claims 49-51 cancelled.

- 52. (New) The method of claim 1, wherein the composition is applied at least once a day over at least two days.
  - 53. (New) The method of claim 1, wherein said inhibitor is not a nucleoside analogue.
  - 54. (New) The method of claim 1, wherein said inhibitor is not AZT.
- 55. (New) A method of reducing mammalian hair growth which comprises selecting an area of skin on a mammal from which reduced hair growth is desired; and applying to said area of skin a dermatologically acceptable non-depilatory composition comprising an inhibitor of telomerase in an amount effective to reduce hair growth.